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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/657,817	09/08/2003	Matthew S. Osborn	14471.01	1131

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EXAMINER

CORBIN, ARTHUR L

ART UNIT	PAPER NUMBER
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1761

DATE MAILED: 10/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/657,817

Applicant(s)

OSBORN, MATTHEW S.

Examiner

Arthur L. Corbin

Art Unit

1761

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 July 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32,45-57 and 63 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-32,45-57 and 63 is/are rejected.
- 7) ☒ Claim(s) 4,8,19 and 28 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 062804,111804,030905,052705.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

Art Unit: 1761

1. Claims 4, 8, 19 and 28 are objected to because of the following informalities: In claim 4, "agent" should be singular. In claim 8, line 2, "a" should be changed to "the". In claim 19, "step of" should be added after "the" (line 1). In claim 28, line 1, "the" should be added after "from". Appropriate correction is required.

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 7, 8, 20 and 27 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. There is no antecedent basis in claim 2 for "the hide pattern" (claims 7 and 8). Claim 20 is indefinite since it is not clear if the washing step occurs immediately after the providing step or sometime later. Claim 27 is indefinite in not reciting in the preamble on what the microbial levels are reduced, which can be corrected by adding "on an animal hide" after "levels" (line 1). Corrections are required without new matter.

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

Art Unit: 1761

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-5, 9, 11, 13-18 and 45-57 are rejected under 35 U.S.C. 102(b) as being anticipated by Bowling et al (5,149,295, cols. 2 and 4-8) or Potter et al (6,129,623, cols. 4 and 6-9). Both patents disclose a process of reducing microbial levels on an animal carcass including stunning the animal; rinsing, washing, immersing and/or spraying the hide with several antimicrobial agents in an amount within applicant's claimed ranges, e.g. aqueous sodium hydroxide solution, aqueous hydrogen peroxide solution, thioglycolic acid and calcium oxide; air drying the hide; exsanguinating the animal to cause death; and removing the hide. The antimicrobial agent is part of a composition which also includes sodium lauryl sulfate, sodium carbonate or bicarbonate and an oxidating agent. The antimicrobial solutions are treated and recycled for subsequent use. The removed hide is subsequently cured, salted and tanned during transport.

7. Claims 6-8, 10, 12, 19-32 and 63 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bowling et al or Potter et al. The particular section of the hide to which the antimicrobial solutions are applied (claims 6-8) is not critical and in the absence of unexpected results is entitled to no patentable weight. Further treating the removed hides with antimicrobial (claims 10 and 27) would have been obvious if additional reduction of microbial levels thereon is deemed necessary. Finding the optimum spray or washing pressure (claims 12, 19, 20 and 63) would require nothing more than routine experimentation by one reasonably skilled in this art.


Art Unit: 1761

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Holzhauer et al and Koefod et al show treatment of animal hides with antimicrobial agents.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Arthur L. Corbin whose telephone number is (571) 272-1399. The examiner can normally be reached on Monday-Friday from 10:30 AM to 8:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Milton I. Cano, can be reached on (571) 272-1398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Arthur L. Corbin
Primary Examiner
Art Unit 1761
9-29-06